

IN THE CLAIMS:

1.-12. (Cancelled)

13. (Currently Amended) An image sensing system comprising:

a plurality of sensor units, each of which is adapted for ~~sensing an~~
image converting a radiation ray into an electrical signal;

at least one selection unit, according to a user input to select a
selected sensor unit from said plurality of sensor units, for sending a signal assigning the
selected sensor unit; [[and]]

a control unit for monitoring the signal assigning the selected sensor
unit[[,]]; and

lamps for indicating a state of said plurality of sensor units,

wherein said control unit ~~send~~ sends a command to the selected
sensor unit to set the selected sensor unit in a ready state and a command to each [[of the]]
other sensor ~~units except the selected sensor~~ unit to set ~~each of~~ the other sensor units in a
sleep state.

14. (Currently Amended) An image sensing system according to claim

[[25]] 13, ~~comprising~~ wherein the at least one selection unit comprises a plurality of
selection units,

wherein, according to a user input to select a selected sensor unit from said plurality of sensor units, each of said plurality of selection units can send a signal assigning the selected sensor unit.

15. (Currently Amended) An image sensing system according to ~~claims 25 and 26~~ claim 13 or 14,

wherein the sleep state is a low current state in which a current supplied to a sensor unit is low.

16. (Currently Amended) An image sensing system according to ~~claims 25 and 26~~ claim 13 or 14,

wherein the sleep state is a low current state in which a current supplied to a sensor unit is cut off.

17. (Currently Amended) An image sensing system according to claim ~~[[25]] 13~~, wherein said control unit ~~send~~ sends a command to an X-ray generation apparatus to select Auto Exposure Control function of the selected sensor.

18. (Currently Amended) An image sensing system comprising:
a plurality of sensor units, each of which is adapted for sensing an image;

a plurality of selection units, each of which is associated [[to each]]
with a corresponding one of said plurality of sensor units in ~~one-to-one~~ a one-to-one
relation wherein each of said plurality of selection units can send a signal assigning [[the]]
a selected sensor unit associated [[to]] with itself according to a user input; and

a control unit for monitoring the signal assigning the selected sensor
unit,

wherein said control unit ~~send~~ sends a command to the selected
sensor unit to set the selected sensor unit in a ready state and a command to each ~~of the~~
other sensor ~~units-except~~ unit besides the selected sensor unit to set each ~~of the~~ other sensor
[[units]] unit in a sleep state.

19. (New) A system according to Claim 13, wherein said lamps indicate
a state of said sensor units by an interval of blinking.

20. (New) An image sensing system comprising:
sensor units adapted for converting a radiation ray into an electrical
signal;
lamps for indicating a state of said sensor units; and
a control unit that controls said sensor units to be in a ready state or
a sleep state.

21. (New) A system according to Claim 20, wherein said lamps indicate a state of said sensor units by an interval of blinking.